

**METHOD OF STAIN-PROOFING POLYAMIDE FIBER****Patent number:** WO9210604**Publication date:** 1992-06-25**Inventor:** UCHIDA JUJI (JP); OKUMURA KATSUYA (JP); MAENO MASAYUKI (JP)**Applicant:** NICCA CHEMICAL COMPANY LTD (JP)**Classification:**- **international:** D06M13/288; D06M15/41; D06M101/34- **european:** D06M13/288; D06M15/41B; D06M15/415**Application number:** WO1990JP01626 19901212**Priority number(s):** WO1990JP01626 19901212**Cited documents:** JP49001036B JP51088922 JP61047811 US4340388 JP62257467[Report a data error here](#)**Abstract of WO9210604**

A method of stain-proofing a polyamide fiber comprising applying compounds of general formulae I and II to a polyamide fiber, in formula (I), R groups each independently represent -OX, (a), (b), or (c), X groups each independently represent hydrogen or an alkali metal, and I is a number of 3 to 20, provided that 50 to 70 % of the R groups are (c) and the rest are at least one member selected from among -OX, (a) and (b); in formula (II) A represents (d) or (e) wherein X groups each independently represent hydrogen or an alkali metal, m is an integer of from 2 to 6, and n is 0, 1 or 2. The stains caused by natural and artificial coloring agents are effectively prevented.

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